

1 **5.5 EMERGENCY PREPAREDNESS.** Each installation where criticality accident alarm systems are  
2 installed shall have an emergency preparedness plan, program, and capabilities to respond to  
3 credible nuclear criticality accidents. In addition, organizations, local and offsite, that are expected  
4 to respond to emergencies shall be made aware of conditions that might be encountered, and they  
5 should be assisted in preparing suitable procedures governing their responses. A detailed  
6 discussion of emergency preparedness is presented in Appendix G to demonstrate the interfaces  
7 between nuclear criticality safety and emergency preparedness.

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9 The reader is referred to "A Review of Criticality Accidents" by William R. Stratton (section 2.3.2.7  
10 of this standard) for detailed discussions of some of the criticality accidents that have occurred in  
11 the past.